SPECIAL RIGHT TRIANGLES · GRADE 12

Special Right Triangles · Grade 12

Name _____ Date _____ Score _____ / 6

01 In a 30°-60°-90° triangle with short leg 10, the long leg =

Answer: _____

02 In a 45°-45°-90° triangle with legs 2, the hypotenuse =

Answer: _____

03 In a 45°-45°-90° triangle with legs 9, the hypotenuse =

Answer: _____

04 In a 30°-60°-90° triangle with short leg 11, the long leg =

Answer: _____

05 In a 30°-60°-90° triangle with short leg 14, the long leg =

Answer: _____

06 In a 30°-60°-90° triangle with short leg 12, the long leg =

Answer: _____

Special Right Triangles · Grade 12 (Answer Key)

01 In a 30°-60°-90° triangle with short leg 10, the long leg =

$10\sqrt{3}$

02 In a 45°-45°-90° triangle with legs 2, the hypotenuse =

$2\sqrt{2}$

03 In a 45°-45°-90° triangle with legs 9, the hypotenuse =

$9\sqrt{2}$

04 In a 30°-60°-90° triangle with short leg 11, the long leg =

$11\sqrt{3}$

05 In a 30°-60°-90° triangle with short leg 14, the long leg =

$14\sqrt{3}$

06 In a 30°-60°-90° triangle with short leg 12, the long leg =

$12\sqrt{3}$